

## CAS/STN FILE 'WPIX' ENTERED AT 16:37:42 ON 08 SEP 2005

L4 4 SEA ABB=ON PLU=ON (JP04302406 OR US5372967 OR US6236538 OR  
 L5 . US5863806)/PN  
 SEL PLU=ON L4 1- PN : 9 TERMS

## FILE 'HCAPLUS' ENTERED AT 16:38:10 ON 08 SEP 2005

L6 0 SEA ABB=ON PLU=ON L5/RE

## FILE 'DPCI' ENTERED AT 16:38:26 ON 08 SEP 2005

L7 46 SEA ABB=ON PLU=ON L5/PN.D  
 L8 SEL PLU=ON L7 1- PRN : 72 TERMS

## FILE 'WPIX, JAPIO, HCAPLUS' ENTERED AT 16:38:56 ON 08 SEP 2005

L9 122 SEA ABB=ON PLU=ON L8  
 L10 1 SEA ABB=ON PLU=ON L9 AND PROTRU?  
 L11 63 SEA ABB=ON PLU=ON L9 AND INDUC?  
 L12 71 SEA ABB=ON PLU=ON L9 AND (WINDING OR COIL#### OR MICROCOIL###  
 ## OR SPIRAL### OR SOLENOID##### OR (MAGNET##### OR FERROMAGNET  
 #####) (2A) (CONDUCT##### OR WIRING OR STRIP#####)  
 L13 41 SEA ABB=ON PLU=ON L9 AND INSULAT#####  
 L14 16 SEA ABB=ON PLU=ON L9 AND (TRENCH### OR GROOV#### OR CHANNEL##  
 OR SLIT#### OR SLOT#### OR NARROW### OR DEEP#### OR LONG OR  
 RECESS##### OR HOLE OR DEPRESS#####) (7A) (INSULAT#### OR  
 DIELEC#### OR INDUC#### OR FILL####)  
 L15 65 SEA ABB=ON PLU=ON L9 AND (EXTEN##### OR ABOVE OR SURFACE)  
 L16 33 SEA ABB=ON PLU=ON L9 AND ((SI OR SILICON OR SEMICOND#####) (  
 3A) SUBSTRATE OR SILICON/CN(L) SUBSTRATE)  
 L17 62 SEA ABB=ON PLU=ON L9 AND (SI OR SILICON OR SEMICOND#####)  
 L18 72 SEA ABB=ON PLU=ON L9 AND SUBSTRATE  
 L19 24 SEA ABB=ON PLU=ON L9 AND ?OXIDE?  
 L20 2 SEA ABB=ON PLU=ON L9 AND SILICA  
 L21 0 SEA ABB=ON PLU=ON L9 AND SIO  
 L22 0 SEA ABB=ON PLU=ON L9 AND SIO2  
 L23 1 SEA ABB=ON PLU=ON L9 AND (OXYGENA? OR OXIDI? OR REOXIDI?)  
 L24 66 SEA ABB=ON PLU=ON L9 AND METHOD  
 L25 5 SEA ABB=ON PLU=ON L9 AND GROOV####  
 L26 52 SEA ABB=ON PLU=ON L9 AND INDUCTOR  
 L27 0 SEA ABB=ON PLU=ON L9 AND INTERFAC####  
 L28 16 SEA ABB=ON PLU=ON L9 AND FILL####  
 L29 79 SEA ABB=ON PLU=ON (L11 OR L12 OR L26) AND ((L13 OR L14 OR  
 L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR  
 L24 OR L25))  
 L30 10 SEA ABB=ON PLU=ON (L11 OR L12 OR L26) AND L28  
 L31 28 SEA ABB=ON PLU=ON L9 AND (SPIRAL### OR SOLENOID####)  
 L32 27 SEA ABB=ON PLU=ON (L29 OR L30) AND L31  
 L33 63 SEA ABB=ON PLU=ON L11 AND (L12 OR L13 OR L14 OR L15 OR L16  
 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR L25  
 OR L26 OR L27 OR L28 OR L29 OR L30 OR L31 OR L32)  
 L34 8 SEA ABB=ON PLU=ON L32 AND 1990-1996/PRY,PY  
 L35 4 SEA ABB=ON PLU=ON L10 OR L20 OR L23  
 L36 8 SEA ABB=ON PLU=ON L34 NOT L35  
 L37 54 SEA ABB=ON PLU=ON L33 NOT (L34 OR L35)  
 L38 7 SEA ABB=ON PLU=ON L37 AND 1996/PRY,PY  
 L39 0 SEA ABB=ON PLU=ON L37 AND 1995/PRY,PY  
 L40 2 SEA ABB=ON PLU=ON L37 AND 1994/PRY,PY  
 L41 0 SEA ABB=ON PLU=ON L37 AND 1993/PRY,PY  
 L42 0 SEA ABB=ON PLU=ON L37 AND 1992/PRY,PY  
 L43 0 SEA ABB=ON PLU=ON L37 AND 1991/PRY,PY  
 L44 0 SEA ABB=ON PLU=ON L37 AND 1990/PRY,PY  
 L45 7 SEA ABB=ON PLU=ON L38 OR L40  
 L46 2 SEA ABB=ON PLU=ON CN 1182964/PN  
 L47 2 SEA ABB=ON PLU=ON (L10 OR L11 OR L12 OR L13 OR L14 OR L15 OR  
 L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22 OR L23 OR L24 OR  
 L25 OR L26 OR L27 OR L28 OR L29 OR L30) AND L46

08sep05 13:18:47 User259284 Session D3303.3

## SYSTEM:OS - DIALOG OneSearch

File 23:CSA Technology Research Database 1963-2005/Aug  
 File 350:Derwent WPIX 1963-2005/UD,UM &UP=200557  
 File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)  
 File 344:Chinese Patents Abs Aug 1985-2005/May  
 File 2:INSPEC 1969-2005/Aug W4  
 File 6:NTIS 1964-2005/Aug W4  
 File 8:Ei Compendex(R) 1970-2005/Aug W4  
 File 14:Mechanical and Transport Engineer Abstract 1966-2005/Aug  
 File 25:Weldasearch-19662005/Aug (c) TWI Ltd  
 File 31:World Surface Coatings Abs 1976-2005/Aug  
 File 33:Aluminium Industry Abstracts 1966-2005/Aug  
 File 34:SciSearch(R) Cited Ref Sci 1990-2005/Aug W4  
 File 35:Dissertation Abs Online 1861-2005/Aug  
 File 36:MetalBase 1965-20050906  
 File 46:Corrosion Abstracts 1966-2005/Aug  
 File 56:Computer and Information Systems Abstracts 1966-2005/Aug  
 File 57:Electronics & Communications Abstracts 1966-2005/Aug  
 File 60:ANTE: Abstracts in New Tech & Engineer 1966-2005/Aug  
 File 61:Civil Engineering Abstracts. 1966-2005/Aug  
 File 63:Transport Res(TRIS) 1970-2005/Aug  
 File 64:Environmental Engineering Abstracts 1966-2005/Aug  
 File 65:Inside Conferences 1993-2005/Sep W1  
 File 68:Solid State & Superconductivity Abstracts 1966-2005/Aug  
 File 81:MIRA - Motor Industry Research 2001-2005/Jul  
 File 94:JICST-EPlus 1985-2005/Jul W2  
 File 95:TEME-Technology & Management 1989-2005/Jul W5  
 File 96:FLUIDEX 1972-2005/Aug  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Jul  
 File 103:Energy SciTec 1974-2005/Aug B2  
 File 104:AeroBase 1999-2005/May  
 File 118:ICONDA-Intl Construction 1976-2005/Aug  
 File 134:Earthquake Engineering Abstracts 1966-2005/Aug  
 File 144:Pascal 1973-2005/Aug W4  
 File 239:Mathsci 1940-2005/Oct  
 File 240:PAPERCHEM 1967-2005/Sep W1  
 File 248:PIRA 1975-2005/Aug W3  
 File 293:Engineered Materials Abstracts 1966-2005/Aug  
 File 315:ChemEng & Biotec Abs 1970-2005/Aug  
 File 323:RAPRA Rubber & Plastics 1972-2005/Aug  
 File 335:Ceramic Abstracts/World Ceramics Abstracts 1966-2005/Aug  
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

Set	Items	Description
S1	63902	(INDUC????? OR NANOINDUC? OR MICROINDUC? OR COIL??? OR MICROCOIL??? OR NANOCOIL???) (5N) (TRENCH??? OR GROOV???? OR SCOR??? OR CHANNEL??? OR INDENT??????? OR RECESS????? OR GUTTER???? OR SLIT???? OR SLOT????? OR CUT OR CUTOUT)
S2	2566	(SOLENOID?????) (5N) (TRENCH??? OR GROOV???? OR SCOR??? OR CHANNEL??? OR INDENT??????? OR RECESS????? OR GUTTER???? OR SLIT???? OR SLOT????? OR CUT OR CUTOUT)
S3	679	(SOLENOID?????) (5N) (PROTRUD????? OR PROTRUS????? OR PROJECTING OR PROJECTION? ? OR PROJECTS)
S4	8985	(INDUC??????? OR NANOINDUC? OR MICROINDUC? OR COIL??? OR MICROCOIL??? OR NANOCOIL???) (5N) (PROTRUD????? OR PROTRUS????? OR PROJECTING OR PROJECTION? ? OR PROJECTS)
S5	22649	(INDUC??????? OR NANOINDUC? OR MICROINDUC? OR COIL??? OR MICROCOIL??? OR NANOCOIL???) (5N) (FILL??? OR EMBED????? OR IMBED????? OR LINER?? OR LINING?? OR PLUG?????)
S6	1028	SOLENOID????? (5N) (FILL??? OR EMBED????? OR IMBED????? OR LINER?? OR LINING?? OR PLUG?????)
S7	2328	SOLENOID????? (5N) (UPPER????? OR SURFACE OR ABOVE)
S8	166781	(INDUC??????? OR NANOINDUC? OR MICROINDUC? OR COIL??? OR MICROCOIL??? OR NANOCOIL???) (5N) (UPPER????? OR SURFACE OR ABOVE)
S9	16962	(INDUC??????? OR NANOINDUC? OR MICROINDUC? OR COIL??? OR MICROCOIL??? OR NANOCOIL???) (5N) SPIRAL??
S10	18750	SPIRAL?? (8N) (GROOV????? OR MICROGROOV?????)
S11	1134911	(DIELEC??????? OR INSULAT??????? OR SEMIINSULAT??????? OR OXIDE OR OXIDED OR OXIDI??????? OR OXYGENAT????? OR DIOXIDE OR SILICA OR DIOXIDES) (5N) (FILM OR COAT????? OR SUBCOAT????? OR SUBLAYER????? OR INTERLAYER????? OR LAYER?????)
S12	277741	(DIELEC??????? OR INSULAT??????? OR SEMIINSULAT??????? OR OXIDE OR OXIDED OR OXIDI??????? OR OXYGENAT????? OR DIOXIDE OR SILICA OR DIOXIDES) (5N) (FILL??? OR LINING OR LINED OR LINER?? OR DEPOSIT????? OR PLUG?????)
S13	504585	(DIELEC??????? OR INSULAT??????? OR SEMIINSULAT??????? OR OXIDE OR OXIDED OR OXIDI??????? OR OXYGENAT????? OR DIOXIDE OR SILICA OR DIOXIDES) (5N) (SURFACE OR INTERFAC???)
S14	66336	S1:S2

S15 177546 S3:S4 OR S7:S8  
 S16 4314 14AND15  
 S17 23579 S5:S6  
 S18 1621859 S9:S13  
 S19 149 16AND17  
 S20 518 16AND18  
 S21 2477 17AND18  
 S22 45 20AND21  
 S23 9 S22 AND (SEMICOND?????? OR INDUCTOR OR IC=H01L?)  
 S24 1 S22 AND (IC=H01L-021?)  
 S25 9 S23:S24  
 S26 9 RD S25 (unique items)  
 S27 9435 S2:S3 OR S6:S7 OR S19:S22  
 S28 111 S27 AND (SI OR SILICON OR SEMICONDUCT????? OR GE OR GERMANIUM OR SIGE OR GESI OR SILICID?? OR GERMANID??) (2N) SUBSTRATE? ?  
 S29 111 S28 NOT S26  
 S30 82 RD S29 (unique items)  
 S31 43 S30 AND INDUCTOR??  
 S32 21 S30 AND SPIRAL??  
 S33 2 S30 AND HELI????  
 S34 13 S30 AND SOLENOID??  
 S35 0 S30 AND (COIL? ? OR MICROCOIL? ? OR CONDUCTOR) (4N) (TRENCH?? OR PROTRU?????? OR PROJECT??????)  
 S36 15656 S1:S10 AND WINDING??  
 S37 28263 S11:S20 AND WINDING??  
 S38 620 S21:S29 AND WINDING??  
 S39 3541 S36:S38 AND GROOV??????  
 S40 13738 S36:S38 AND INSULAT??????  
 S41 750 S36:S38 AND SEMICOND??????  
 S42 881 39AND40  
 S43 23 39AND41  
 S44 544 40AND41  
 S45 16 43AND44  
 S46 16 RD S45 (unique items)  
 S47 0 29AND46  
 S48 0 S30 AND S36:S44  
 S49 50 S31:S35 OR S48  
 S50 66 S31:S35 OR S46  
 S51 17 S50 AND FILL????  
 S52 1 S50 AND PROTRU??????  
 S53 42 S50 AND INSULAT??????  
 S54 44 S51:S53  
 S55 1 S52 NOT S46  
 S56 43 S54 NOT S55  
 S57 21 S56 AND CONDUCT??????  
 S58 8 S56 AND UPPER????  
 S59 0 S56 AND NONCONDUCT??????  
 S60 0 S56 AND NON() CONDUCT??????  
 S61 0 S56 AND SLANT????  
 S62 0 S56 AND DIAGON??????  
 S63 7 S56 AND (PATTERN????? OR MICROPATTERN????)  
 S64 28 S57:S63